

Document made available under the Patent Cooperation Treaty (PCT)

International application number: PCT/IB05/050061

International filing date: 05 January 2005 (05.01.2005)

Document type: Certified copy of priority document

Document details: Country/Office: US
Number: 60/534,565
Filing date: 06 January 2004 (06.01.2004)

Date of receipt at the International Bureau: 22 July 2005 (22.07.2005)

Remark: Priority document submitted or transmitted to the International Bureau in
compliance with Rule 17.1(a) or (b)



World Intellectual Property Organization (WIPO) - Geneva, Switzerland
Organisation Mondiale de la Propriété Intellectuelle (OMPI) - Genève, Suisse

PA 1319836

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

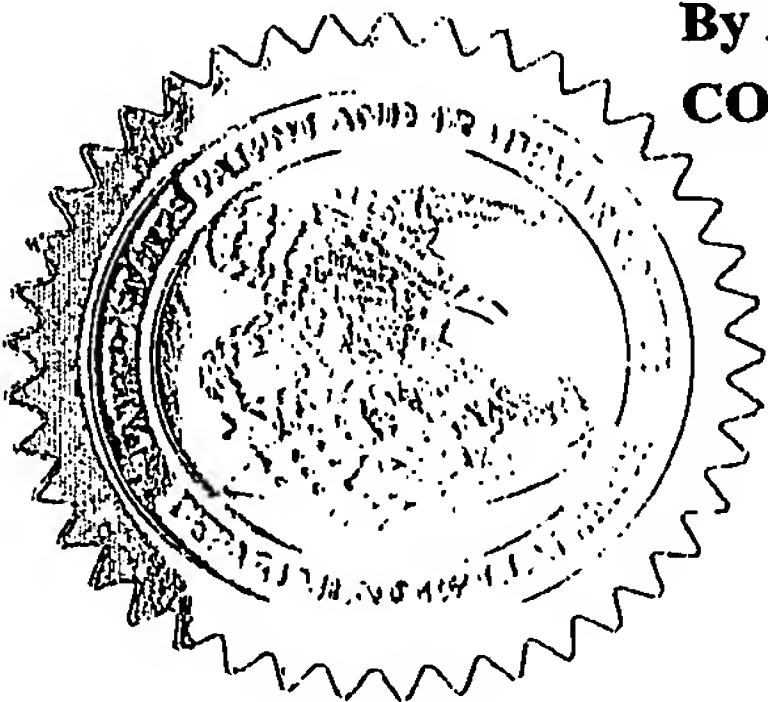
May 16, 2005

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE UNDER 35 USC 111.

APPLICATION NUMBER: 60/534,565

FILING DATE: January 06, 2004

By Authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS



E. R. Barnett

E. BARNETT

Certifying Officer

16865 - U.S. PTO

PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53(b)(2).

31353 U.S. PTO
60/534565

010602

Docket Number US040008		Type a plus sign (+) inside this box <input type="checkbox"/>		+
INVENTOR (s) / APPLICANT (s)				
LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)	
DIEDERIKS VAN GELDER EGNER	ELMO KERO SEBASTIAN		EINDHOVEN, THE NETHERLANDS EINDHOVEN, THE NETHERLANDS EINDHOVEN, THE NETHERLANDS	
TITLE OF THE INVENTION (280 characters max)				
LIGHTSCRIPTS				
CORRESPONDENCE ADDRESS				
Corporate Patent Counsel U.S. Philips Corporation 580 White Plains Road Tarrytown, NY 10591				
STATE	New York	ZIP CODE	10591	COUNTRY U.S.A.
ENCLOSED APPLICATION PARTS (check all that apply)				
<input checked="" type="checkbox"/> Specification	Number of Pages	2	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Drawing(s)	Number of Sheets	0	<input type="checkbox"/> Other (specify)	
METHOD OF PAYMENT (check one)				
<input type="checkbox"/> A check or money order is enclosed to cover the Provisional filing fees			PROVISIONAL FILING FEE AMOUNT (\$)	\$160.00
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge filing fees and credit Deposit Account Number: 14-1270				

S:\th\US040008-PRO.DOC

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒

No

☐

Yes, the name of the U.S. Government agency and the Government contract number are:

Respectfully submitted,

SIGNATURE:

Gregory L. Thorne

Date:

1/6/04

TYPED or PRINTED NAME: GREGORY L. THORNE

REGISTRATION NO.: 39,398

☐

Additional inventors are being named on separately numbered sheets attached hereto

CERTIFICATE OF EXPRESS MAILING

Express Mail Mailing Label No. EV312069525

Date of Deposit JANUARY 6, 2004

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patent, Alexandria, VA 22313.

Noemi Chapa
Typed Name

Noemi Chapa
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

ELMO M.A. DIEDERIKS ET AL

US040008

Serial No.

Filed: CONCURRENTLY

Title: LIGHTSCRIPTS

Commissioner for Patents
Alexandria, VA 22313

APPOINTMENT OF ASSOCIATES

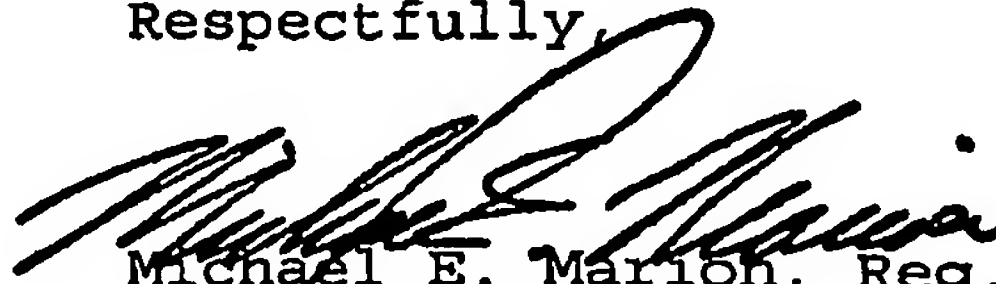
Sir:

The undersigned Attorney of Record hereby revokes all prior appointments (if any) of Associate Attorney(s) or Agent(s) in the above-captioned case and appoints:

GREGORY L. THORNE (Registration No. 39,398)
c/o U.S. PHILIPS CORPORATION, Intellectual Property Department, 580
White Plains Road, Tarrytown, New York 10591, his Associate
Attorney(s)/Agent(s) with all the usual powers to prosecute the
above-identified application and any division or continuation
thereof, to make alterations and amendments therein, and to
transact all business in the Patent and Trademark Office connected
therewith.

ALL CORRESPONDENCE CONCERNING THIS APPLICATION AND THE
LETTERS PATENT WHEN GRANTED SHOULD BE ADDRESSED TO THE UNDERSIGNED
ATTORNEY OF RECORD.

Respectfully,



Michael E. Marion, Reg. 32,266
Attorney of Record

Dated at Tarrytown, New York
this 6th day of January, 2004.

General data:

ID :

697764

Submission date:

06-Oct-2003

Title

LightScripts

Summary

The Surround Light system comprises multiple lamps or fixtures that are used to extend the experience of watching a movie, listening to music or playing a game into the domain of lighting ambiance and effects.

An issue however is where descriptions of the light settings and effects that are to be used to enhance the media consumption experience are generated and stored. Another issue is how to make sure that the light settings are synchronised with the media playback.

The invention proposes the use of light scripts that contain (1) a description of the light setting or effect, (2) a description of the changes of each light setting or effect over time and (3) the start time & end time of each light setting or effect including their dynamics.

For example:

Time code Fade in time Fade out time Light 1 ... Light N

5634.456 40.000 20.500 12,30,30 ... 20,45,45

5935.490 01.000 00.500 80,80,80 ... 80,80,80

In the above example the light setting is described per light source, but it could also be named, with the settings per light source for each light setting described in a second script or file, or even generated automatically. For example:

Time code Fade in time Fade out time Setting

5634.456 40.000 20.500 Cosy01

5634.456 40.000 20.500 Flash

And the second file:

Setting Light 1 ... Light N

Cosy01 12,30,30 ... 20,45,45

Flash 80,80,80 ... 80,80,80

In this way the light script can be distributed over multiple files.

The lightscript or lightscript files can reside in various locations:

- on the medium that also contains the AV-content (CD, DVD, CD ROM, ...)
- on a remote location (for example on an internet server), in this case the scripts will be read from this remote location
- on a local storage medium (HDD or memory), it can be copied from the AV-content carrier, downloaded from a remote location, or generated by the system before and stored locally
- the light script is generated by the system by means of signal analysis/feature extraction, in this case (parts of) the script reside(s) temporally in the system (HDD or memory). But the generated script can also be stored for future use.

The lightscript can furthermore be stored in multiple ways:

- it can be stored as a single file which comprises the light settings as well as the timecodes
- it can be stored as multiple small files, each describing one light settings, these files are read out synchronously with the playback of the AV content
- the script can be stored in a serial manner as a light track that is read out synchronously with the media (audio/video) output (much like the Dolby audio information for film).
- a combination of the above (multiple light script files read out one by one as the media output continues).

PATENT COOPERATION TREATY

WO +2005069640
PCT/IB2005/050061

From the INTERNATIONAL BUREAU

PCTNOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

To:

KONINKLIJKE PHILIPS ELECTRONICS, N.V.
c/o Edward W. Goodman
P.O. Box 3001
Briarcliff Manor, NY 10510-8001
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 15 September 2005 (15.09.2005)	
Applicant's or agent's file reference PHUS040008WO	IMPORTANT NOTIFICATION
International application No. PCT/IB2005/050061	International filing date (day/month/year) 05 January 2005 (05.01.2005)
International publication date (day/month/year) 28 July 2005 (28.07.2005)	Priority date (day/month/year) 06 January 2004 (06.01.2004)
Applicant KONINKLIJKE PHILIPS ELECTRONICS, N.V. et al	

1. By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. (If applicable) The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, **the attention of the applicant is directed to Rule 17.1(c)** which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
3. (If applicable) An asterisk (*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as the priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
06 January 2004 (06.01.2004)	60/534,565	US	22 July 2005 (22.07.2005)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. +41 22 338 82 70

Authorized officer

Anne FEUILLASSIER (Fax : 4122 338 70 60)

Facsimile No. (41-22) 338.70.60

Telephone No. +41 22 338 9596